

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

05/06/2004

Mark E Waddell Esq  
Bryan Cave LLP  
245 Park Avenue  
New York, NY 10167-0034



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Gonzalo Merino	(Depositor's name)
<i>[Signature]</i>	(Signature)
8/5/04	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/504,393	02/15/2000	Heinrich Bachmann	20347/111656	7833

TITLE OF INVENTION: B, B-CAROTENE 15, 15'-DIOXYGENASES, NUCLEIC ACID SEQUENCES CODING THEREFOR AND THEIR USE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	08/06/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
PAK, YONG D	1652	435-190000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents. OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Bryan Cave LLP

2. \_\_\_\_\_

3. \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

DSM Nutritional Products, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Parsippany, New Jersey 07054-1219

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

## 4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☐ Publication Fee
- ☒ Advance Order - # of Copies 3

## 4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 02-4467 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) *[Signature]* (Date) 8/05/04

Gonzalo Merino, Reg. No. 51,192

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

08/09/2004 BSAYAS12 00000044 09504393

01 FC:1501  
02 FC:8001

1330.00 OP  
9.00 OP

TRANSMIT THIS FORM WITH FEE(S)



**BRYAN CAVE**

Gonzalo Merino, Ph.D.  
Associate  
Dir 212-541-1258  
GGMERINO@BRYANCAVE.COM

August 5, 2004

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

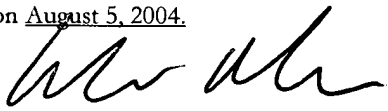
Re: U.S. Patent Application Serial No.: 09/504,393  
Filed: February 15, 2000  
For:  **$\beta$ , $\beta$ -CAROTENE 15, 15'-ENZYMES, NUCLEIC ACID SEQUENCES  
CODING THEREFOR AND THEIR USE [As Amended]**  
Your Ref.: 20347 US Our Ref.: C038435/0111656

Sir:

Enclosed are a completed Issue Fee Transmittal Form PTOL-85B (in duplicate), a \$1330.00 check covering the issue fee, and a \$9.00 check for three soft copies of the patent.

If any of the checks are missing or otherwise insufficient, or if any additional fees are required, please charge the fee (or credit any overpayment) to Deposit Account No. 02-4467. A duplicate copy of this letter is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 5, 2004.

  
Gonzalo Merino, Ph.D., Reg. No. 51,192

Respectfully submitted,

By: 

Gonzalo Merino, Ph.D.  
Registration No. 51,192  
BRYAN CAVE LLP  
1290 Avenue of the Americas  
New York, NY 10104-3300  
(212) 541-2000

**Bryan Cave LLP**  
1290 Avenue of the Americas  
New York, NY 10104-3300  
Tel (212) 541-2000  
Fax (212) 541-4630  
www.bryancave.com

Chicago  
Hong Kong  
Irvine  
Jefferson City  
Kansas City  
Kuwait  
Los Angeles  
New York  
Phoenix  
Riyadh  
Shanghai  
St. Louis  
United Arab Emirates (Dubai)  
Washington, DC

*And Bryan Cave,  
A Multinational Partnership,  
London*

Enclosures